

ABSTRACT OF THE DISCLOSURE

[0060] A vision system that forms a map of a scene proximate a platform, e.g., a vehicle, that determines the actual ground plane from the map, and that corrects the map for differences between the actual ground plane and an assumed ground plane. The vision system may remove the actual ground plane from the map to prevent false positives. The vision system can further identify and classify objects and, if appropriate, take evasive action.